

To change Temperature Display from °F to °C

- On the inside of the unit on the PCB is a jumper labeled OP6. There is a black plastic 'cap' installed onto the pins of the jumper at the factory. This closes the jumper. With a closed jumper, the display reads in °F.
- To change from °F to °C, remove the black plastic 'cap' on the pins of jumper OP6, rendering the jumper open. Next turn the unit over and push the RESET button on the unit face. (Use the end of a paper clip or other such object to insert into the hold.)
- The display now reads in °C. You will need to reset the temperature setting unit after you make this change.

A Description of Connectors on Unit's PCB

Connectors for fan:

- J1 and J2 are connectors for 12 V fans if they are available in your system. J1 is a 2.54-pitch and J2 is a 3.96-pitch connector. When the temperature exceeds the set point, the unit activates these two fans (if available).

Connectors for power supply:

- J3 and J5 are for connecting the incoming power cord. There are two connectors because there are two widely used standards. Connector J3 is used for PS2-type power supplies with 3.5" 4-pin FDD connector. Connector J5 is used for open-frame power supplies (such as found in external cases) and is a 2-pin 2.54-pitch connector.

Note: The power supply must be connected to the Thermal Sensor for the buzzer to work, since the power for the buzzer comes from this source.

Other connectors:

- J4 is the sensor connector. The sensor tip should be taped to the surface of a hard disk or the edge of the CPU cooler.
- JP1 is the buzzer switch. If the switch is open, then the buzzer is off.
- OP3 controls the cycle time of the temperature reading. If it is open the cycle time is 1 minute; if it is closed the time is 5 seconds.
- OP6 controls the temperature display. If it is open, the display reads in °C if it is closed, the display is in °F.

How the CS002 Thermal Sensor Works

The CS002 Thermal Sensor has an adjustable temperature setting.

When the sensor reaches the set-point temperature, two fans (if available) are turned on. If the temperature continues to rise higher than 3 °C above the pre-set temperature, then a warning beeper sounds and "TOO HI" is shown in the lower left portion of the display.

The beeper will continue to sound until the temperature drops below 3 °C above the set point, and the fans will continue to blow until the temperature drops below the set point.

How to Set the CS002 Thermal Sensor

To Check the temperature Setting:

- Press the lower right button marked "TEMP SET" once. This displays the current set-point temperature. If that setting is correct, then press the "TEMP SET" button again to return to normal operation. The setting will be unchanged. (After the "TEMP SET" button is pushed once, if no changes are made, then the unit automatically reverts to normal operation after 15 seconds, the temperature setting is unchanged.)

To Change the Temperature Setting:

- Press the lower right button marked "TEMP SET" once to display the current setting.
- Now press the upper left button marked "HOUR TEMP" to scroll upwards through the temperature settings (-20 to 60 °C). When the setting reaches the maximum value, it automatically jumps to the lowest value, and continues scrolling upwards.
- When the desired setting is reached, then press the "TEMP SET" button to store the new set point. (After the new setting is reached, if no further changes are made, then the unit automatically reverts to normal operation after 15 seconds, even if the "TEMP SET" is not pressed again, the new setpoint temperature is stored.)

To Change the Time Setting:

- While holding down the "TIME SET" button on the upper right, press the "HOUR TEMP" or the "MIN" button on the left to adjust the hour or minute setting, respectively. With the 12-hour clock, please note whether the setting is for AM or PM.